

☐

Print

Aug 8, 2002

[0016] B) at least one compound selected from the group consisting of aryloxyalkanoic acids such as 2,4-D, 2,4-DB, MCPA or MCPB; aromatic carboxylic acids such as 2,3,6-TBA, Dicamba Picloram or Clopyralid; ureas such as Diuron, Linuron, Isoproturon, Chlorotoluron, Metobenzuron, Tebuthiuron or Fluometuron; triazines such as Simazine, Atrazine, Cyanazine, Terbuthylazine, Atraton, Hexazinone, Metribuzin, Simetryn, Ametryn, Prometryn, Dimethametryn or Triaziflam; anilides such as Propanil or Cypromid; quaternary ammonium salts such as Paraquat, Paraquat-dichlorid, Diquat or Difenzoquat; diphenyl ethers such as Lactofen, Acifluorfen, Acifluorfen-sodium, Oxyfluorfen, Fomesafen, Bifenox or Chlormethoxyfen; triketones such as Sulcotrione or Mesotrione; aryloxyphenoxypropionic acids such as Diclofop-methyl, Pyrofenop-sodium, Fluazifop-butyl, Fluazifop-p-butyl, Haloxyfop-methyl, Quizalofop-p-ethyl, Quizalofop-p-tefuryl, Fenoxaprop-ethyl, Fenoxaprop-p-ethyl, Cyhalofop-butyl or Clodinafop-p-propargyl; oximes such as Alloxydim-sodium, Sethoxydim, Clethodim, Tepraloxym, Tralkoxydim or Cycloxydim; sulfonyleureas such as Chlorimuron-ethyl, Nicosulfuron, Metsulfuron-methyl, Triasulfuron, Primisulfuron-methyl, Tribenuron-methyl, Chlorosulfuron, Bensulfuron-methyl, Sulfometuron-methyl, Prosulfuron, Halosulfuron, Halosulfuron-methyl, Thifensulfuron-methyl, Rimsulfuron, Azimsulfuron, Flazasulfuron, Imazosulfuron, Cyclosulfamuron, Flupyrsulfuron, Iodosulfuron, Ethoxysulfuron, Flucarbazone, Sulfosulfuron, Oxasulfuron or Foramsulfuron; imidazolinones such as Imazapyr, Imazethapyr, Imazaquin, Imazamox, Imazameth, Imazamethabenz-methyl or Imazapic; dinitroanilines such as Trifluralin, Oryzalin, Pendimethalin, Ethalfluralin, Benfluralin or Prodiamine; chloroacetanilides such as Alachlor, Metolachlor, Metolachlor-S, Propachlor, Acetochlor, Acetochlor-S, Propisochlor or Dimethenamid; oxyacetamides such as Flufenacet; thiocarbamates such as Thiobencarb, EPTC, Triallate, Molinate, Pebulate, Cycloate, Butylate, Vemolate or Prosulfocarb; amides such as Diphenamid; semicarbazones such as Diflufenzopyr; triazolinones such as Carfentrazone, Sulfentrazone or Amicarbazone; N-phenylphthalimides such as Flumioxazin; substituted uracils such as Benzfendazole, Butafenacil, 1-Amino-3-(4-chloro-2-fluoro-

Detail Description Paragraph (16):

Detail Description Paragraph (22):

Detail Description Paragraph (27):

[0034] (3) The effective component B) is at least one compound selected from the group consisting of triazines such as Simazine, Atrazine, Cyanazine, Terbutylazine, Atraton, Hexazinone, Metribuzin, Simetryn, Ametryn, Prometryn, Dimethametryn or Triaziflam; chloroacetanilides such as Alachlor, Metolachlor, Metolachlor-S, Propachlor, Acetochlor, Acetochlor-S, Propisochlor or Dimethenamid; substituted uracils such as Benzfendione, Butafenacil, 1-Amino-3-(4-chloro-2-fluoro-5-phenoxyphenyl)-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione, N-[3-Chloro-6-(3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl)-5-fluoro-2-methoxyphenyl]-2-naphthalenecarboxamide, [3-Chloro-6-(3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl)-5-fluoro-2-methoxyphenyl]-carbamic acid (3-nitrophenyl)methyl ester or 1-Amino-3-[4-chloro-2-fluoro-5-(2-nitrophenoxy)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione; and isoxazoles such as Isoxaflutole or Isoxaflortole.

[0043] (4) The effective component B) is at least one compound selected from the group consisting of Benzfendizone, Butafenacil, 1-Amino-3-(4-chloro-2-fluoro-5-phenoxyphenyl)-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione, N-[3-Chloro-6-(3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl)-5-fluoro-2-methoxyphenyl]-2-naphthalenecarboxamide, [3-Chloro-6-(3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl)-5-fluoro-2-methoxyphenyl]-carbamic acid (3-nitrophenyl)methyl ester and 1-Amino-3-[4-chloro-2-fluoro-5-(2-nitrophenoxy)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinone.

urea B-85; Oxasulfuron oxetan-3-yl-2-[[4,6-dimethylpyrimidin-2-yl) carbamoyl sulfamoyl]benzoate B-86; Foramsulfuron 1-(4,6-dimethoxypyrimidin-2-yl)-3-(2-dimethyl carbamoyl-5-formamidophenylsulfonyl)urea Imidazolinones B-87; Imazapyr 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid B-88; Imazethapyr (RS)-5-ethyl-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)nicotinic acid B-89; Imazaquin (RS)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)quinoline-3-carboxylic acid B-90; Imazamox 2-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-5-methoxymethylnicotinic acid B-91; Imazamethabenz reaction mixture of (RS)-6-(4-isopropyl-4-methyl-5-oxo-2-imidazolin-2-yl)-m-toluic acid and (RS)-2-(4-isopropyl-4-methyl-5-oxo-2-imidazol-2-yl)-p-toluic acid, methyl esters B-92; Imazapic (RS)-2-(4,5-dihydro-4-isopropyl-4-methyl-5-oxoimidazol-2-yl)-5-methylnicotinic acid Dinitroanilines B-93; Trifluralin .varies., .varies., -trifluoro-2,6-dinitro-N,N-diisopropyl-p-toluidine B-94; Oryzalin 3,5-dinitro-N-sup.4.N.s-up.4-dipropylsulfanilamide B-95; Pendimethalin N-(1-ethylpropyl)-2,6-dinitro-3,4-xylidine B-96; Ethalfiuralin N-ethyl-.varies., .varies., .varies.-trifluoro-N-(2-methylallyl)-2,6-dinitro-p-toluidine B-97; Benfluralin N-butyl-N-ethyl-.varies., .varies., .varies.-trifluoro-2,6-dinitro-p-toluidine B-98; Prodiamine 2,6-dinitro-N.sup.1,N.sup.1-dipropyl-4-trifluoromethyl-m-phenylenediamine Chloroacetanilides B-99; Alachlor 2-chloro-2',6'-diethyl-N-methoxymethyl-acetanilide B-100; Metolachlor 2-chloro-6'-ethyl-N-(2-methoxy-1-methylethyl)-aceto-o-toluidide B-101; Metolachlor-S (S)-2-chloro-N-(2-ethyl-6-methylphenyl)-N-(2-methoxy-1-methylethyl)acetamide B-102; Propachlor 2-chloro-N-isopropylacetanilide B-103; Acetochlor 2-chloro-N-ethoxymethyl-6'-ethylacet-o-toluidide B-104; Acetochlor-S B-105; Propisochlor 2-chloro-6'-ethyl-N-isopropoxymethylacet-o-toluidide B-106; Dimethenamid 2-chloro-N-[(1-methyl-2-methoxyl)ethyl]-N-(2,4-dimethyl-3-thienyl)-acetamides Oxyacetamides B-107; Flufenacet N-(4-fluorophenyl)-N-(1-methylethyl)-2-[5-(trifluoromethyl)-1,3,4-thiadiazol-2-yl]oxy]-acetamide Thiocarbamates B-108; Thiobencarb S-4-chlorobenzyl diethyl(thiocarbamate) B-109; EPTC, S-ethyl dipropylthiocarbamate B-110; Triallate S-2,3,3-trichloroallyl diisopropylthiocarbamate B-111; Molinate S-ethyl azepane-1-carbothioate B-112; Pebulate S-propyl butyl(ethyl)thiocarbamate B-113; Cycloate S-ethyl cyclohexyl(ethyl)thiocarbamate B-114; Butylate S-ethyl diisobutylthiocarbamate B-115; Vernolate S-propyl dipropylthiocarbamate B-116; Prosulfocarb S-benzyl dipropylthiocarbamate Amides B-117; Diphenamid N,N-dimethyldiphenylacetamide Semicarbazones B-118; Diflufenzopyr 2-{1-[4-(3,5-difluorophenyl)semicarbazono]-ethyl}-nicotinic acid Triazolinones B-119; Carfentrazone-(RS)-2-chloro-3-[2-chloro-5-(4-difluoromethyl)-4, ethyl 5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl]-4-fluorophenyl]propionic acid, ethyl ester B-120; Sulfentrazon N-(2,4-dichloro-5-(4-(difluoromethyl)-4,5-dihydro-3-methyl-5-oxo-1H-1,2,4-triazol-1-yl)phenyl)methanesulfonamide B-121; Amicarbazone 4-amino-N-(1,1-dimethylethyl)-4,5-dihydro-3-(1-methylethyl)-5-oxo-1H-1,2,4-triazole-1-carboxamide N phenylphthalimides B-121; Flumioxazin 2-(7-fluoro-3,4-dihydro-3-oxo-4-(2-propynyl)-2H-1,4-benzoxazin-6-yl)-4,5,6,7-tetrahydro-1H-indole-1,3(2H)-dione Substituted uracils B-123; Benzfendazole methyl 2-{5-ethyl-2-[4-(1,2,3,6-tetrahydro-3-methyl-2,6-dioxo-4-trifluoromethylpyrimidin-1-yl)phenoxy]phenoxy}propionate B-124; Butafenacil 2-chloro-5-[3,6-dihydro-3-methyl-2,6-dioxo-4-(trifluoromethyl)-1(2H)-pyrimidinyl]benzoic acid 1,1-dimethyl-2-oxo-2-(2-propenyloxy)ethyl ester B-125;

1-Amino-3-(4-chloro-2-fluoro-5-phenoxyphenyl)-
6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione B-126;
N-[3-Chloro-6-(3,6-dihydro-3-methyl-2,6-dioxo-
4-(trifluoromethyl)-1(2H)-pyrimidinyl)-5-fluoro-
2-methoxyphenyl]-2-naphthalenecarboxamide B-127;
[3-Chloro-6-(3,6-dihydro-3-methyl-2,6-dioxo-4-
(trifluoromethyl)-1(2H)-pyrimidinyl)-5-fluoro-2-methoxyphenyl]-carbamic acid,
(3-nitrophenyl)-methyl ester B-128; 1-Amino-3-[4-chloro-2-fluoro-5-(2-nitro-
phenoxy)phenyl]-6-(trifluoromethyl)-2,4(1H,3H)-pyrimidinedione Isoxazolidinones
B-129; Clomazone 2-(2-chlorophenyl)methyl-4,4-dimethyl-3-isoxazolidinone
Quinoline carboxylic acids B-130; Quinclorac 3,7-dichloro-8-quinolinecarboxylic acid
Isoxazoles B-131; Isoxaflutole 5-cyclopropyl-4-(2-methylsulphonyl)-4-
trifluoromethyl-benzoyl isoxazole Triazolopyridinones B-132; Azafenidin
2-(2,4-dichloro-5-prop-2-ynyloxyphenyl)-5,6,7,8-
tetrahydro-1,2,4-triazolo[4,3-a]pyridin-3(2H)-one Amino acids B-133; Glyphosate
Phosphonomethyl-glycine B-134; Glufosinate (RS)-2-amino-4-(hydroxymethylphosphonyl)-
butanoic acid Note: When a common name has not been assigned a compound, only the
chemical name is provided